

WHAT IS CLAIMED IS:

1. ~~A data processing apparatus including a connection unit to be connected to an information processing terminal, such as a personal computer, or the like, and capable of causing a printer unit, for controlling processing for printing data from the information terminal received via the connection unit, to print the data, and executing various types of processing based on instructions from the information processing terminal, said apparatus comprising:~~

~~a receiver, arranged to receive an instruction transmitted from the information processing terminal via the connection unit;~~

~~an analyzer, arranged to analyze the instruction received by said receiver;~~

~~a converter, arranged to converting the instruction received by said receiver into a form capable of being processed by the printer unit when the instruction received by said receiver is a print instruction directed to the printer unit, as determined by the analysis of the analyzer; and~~

~~a controller, arranged to transfer the instruction converted by said converter to the printer unit and in order to cause the printer unit to print.~~

2. An apparatus according to Claim 1, further comprising an image reader, arranged to read an image from an original, wherein, when the instruction received from the information processing terminal is an instruction for reading the original by the image reader, as determined by the analysis of the analyzer, reading by the image reader is performed, and image data obtained by such reading is transferred to the information terminal via

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the connection unit.

3. An apparatus according to Claim 1, further comprising a telephone receiver, arranged to receive data via a public telephone network, wherein said controller causes the printer unit to print an image based on the data received by said telephone receiver.

4. An apparatus according to Claim 3, wherein, when the instruction received by the receiver is a request of the data received by said telephone receiver as determined by the analysis of said analyzer, the data received by said telephone receiver is transferred to the information processing terminal via the connection unit.

5. An apparatus according to Claim 1, wherein said receiver receives an instruction from the information processing terminal via the connection unit and the analyzer analyzes the instruction received by said receiver, even while the printer unit performs the printing as directed by the control of said controller.

6. A method for controlling a data processing apparatus connected to an information processing terminal, such as a personal computer, or the like, and capable of causing a printer unit, for controlling processing for printing data from the information terminal, to print the data, and executing various types of processing based on instructions from the information processing terminal, said method comprising:

a reception step of receiving an instruction transmitted from the

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information processing terminal;

an analysis step of analyzing the instruction received in said reception step;

a conversion step of converting the instruction received in said reception step into a form capable of being processed by the printer unit when the instruction received in said reception step is an instruction of printing using the printer unit as determined by the analysis in said analysis step; and

a control step of transferring the instruction converted in said conversion step to the printer unit in order to cause the printer unit to perform printing.

7. A storage medium, capable of being read by a computer, storing a program for controlling a data processing apparatus connected to an information processing terminal, such as a personal computer, or the like, and capable of causing a printer unit, for controlling processing for printing data from the information terminal, to print the data, and of executing various types of processing based on instructions from the information processing terminal, said program comprising:

a reception step of receiving an instruction transmitted from the information processing terminal;

an analysis step of analyzing the instruction received in said reception step;

a conversion step of converting the instruction received in said reception step into a form capable of being processed by the printer unit when the instruction received in said reception step is an instruction of printing

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~~using the printer unit as determined by the analysis in said analysis step;~~
and

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a control step of transferring the instruction converted in said conversion step to the printer unit in order to cause the printer unit to perform printing.

8. A data processing apparatus comprising:

a connection unit to be connected to an information processing terminal;

a first processing unit for operating as a peripheral apparatus of the information processing terminal connected via said connection unit;

a first control unit for controlling processing of said first processing unit;

a second processing unit for performing processing as directed by an instruction from the information processing terminal connected via said connection unit; and

a second control unit for controlling the processing of said second processing unit,

wherein said second control unit comprises:

a unit determiner, arranged to determine whether or not the processing directed by the instruction received from the information processing terminal via said connection unit is processing to be executed by said first processing unit;

a converter, arranged to convert, when said unit determiner means has determined that the processing directed by the instruction received from the information processing terminal via said connection unit is

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to be executed by said first processing unit, the instruction into a form capable of being processed by said first control unit; and

an instruction transferor, arranged to transfer the instruction converted by said converter to said first control unit.

9. A method for controlling a data processing apparatus connected to an information processing terminal, and including a first processing unit for performing processing as directed by an instruction from the information processing terminal, and a second processing unit for performing processing different from processing of the first processing unit and for causing the first processing unit to perform processing, said method comprising:

a determination step of determining whether or not the processing directed by the instruction from the information processing terminal is processing to be executed by the first processing unit;

a conversion step of converting, when said determination step has determined that the processing directed by the instruction is to be executed by the first processing unit, the instruction into a form capable of being processed by the first processing unit; and

a transfer step of transferring the instruction converted in said conversion step to the first processing unit.

10. A storage medium, capable of being read by a computer, storing a program for controlling a data processing apparatus connected to an information processing terminal, and including a first processing unit for performing processing directed by an instruction from the information processing terminal, and a second processing unit for performing processing

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different from processing of the first processing unit and for causing the first processing unit to perform processing, said program comprising:

a determination step of determining whether or not the processing directed by the instruction from the information processing terminal is processing to be executed by the first processing unit;

a conversion step of converting, when said determination step has determined that the processing directed by the instruction is to be executed by the first processing unit, the instruction into a form capable of being processed by the first processing unit;

and a transfer step of transferring the instruction converted in said conversion step to the first processing unit.

11. A data processing apparatus comprising:

a connector, arranged to be connected to a peripheral apparatus such as a printer unit for printing an image;

a print data generator, arranged to generate printing data for causing the peripheral apparatus connected via said connector to perform printing;

a data processor, arranged to processing the printing data generated by said print data generator into data to be processed by a unit other than the printer unit of the peripheral apparatus connected via said connector; and

a data transferor, arranged to transfer the data processed by said data processor to the peripheral apparatus via said connector.

12. An apparatus according to Claim 11, wherein said print data generator generates the printing data using a printer driver dedicated for a printer.

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13. ~~An apparatus according to Claim 11, wherein said data processor~~
adds a predetermined adder to the printing data generated by said print data
generator.

14. An apparatus according to Claim 11, wherein said data processor
processes the data into a form capable of being processed by a facsimile unit
for performing facsimile processing.

15. A method for controlling a data processing apparatus connectable
to a peripheral apparatus including a printer unit for printing an image, said
method comprising:

a generation step of generating printing data for causing the
peripheral apparatus to perform printing;

a processing step of processing the generated printing data into data
to be processed by a unit other than the printer unit of the peripheral
apparatus; and

a transfer step of transferring the processed data to the peripheral
apparatus.

16. A storage medium, capable of being read by a computer, storing a
program for controlling a data processing apparatus connectable to a
peripheral apparatus including a printer unit for printing an image, said
program comprising:

a generation step of generating printing data for causing the
peripheral apparatus to perform printing;

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a processing step of processing the generated printing data into data to be processed by a unit other than the printer unit of the peripheral apparatus; and

a transfer step of transferring the processed data to the peripheral apparatus.

17. A data processing apparatus comprising:

a connector, arranged to be connected to a peripheral apparatus having a plurality of functions;

a data generator, arranged to generate data to be processed by one of the functions of the peripheral apparatus connected via said connector;

a data processor, arranged to process the data generated by said data generator into data to be processed by another function of the peripheral apparatus connected via said connector; and

a data transferor, arranged to transfer the data processed by said data processor to the peripheral apparatus connected via said connector.

18. A method for controlling a data processing apparatus connectable to a peripheral apparatus having a plurality of functions, said method comprising:

a generation step of generating data to be processed by one of the functions of the peripheral apparatus;

a processing step of processing the generated data into data to be processed by another function of the peripheral apparatus; and

a transfer step of transferring the processed data to the peripheral apparatus.

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19. A storage medium, capable of being read by a computer, storing a program for controlling a data processing apparatus which is connectable to a peripheral apparatus having a plurality of functions, said program comprising:

a generation step of generating data to be processed by one of the peripheral apparatus functions;

a processing step of processing the generated data by another peripheral apparatus function; and

a transfer step of transferring the processed data to the peripheral apparatus.

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